

Title (en)
HIGH PRESSURE SEALS

Title (de)
HOCHDRUCKDICHTUNGEN

Title (fr)
JOINTS D'ÉTANCHÉITÉ À HAUTE-PRESSION

Publication
EP 4165328 A4 20240605 (EN)

Application
EP 21822754 A 20210531

Priority
• AU 2020901922 A 20200611
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• AU 2021050531 W 20210531

Abstract (en)
[origin: WO2021248176A1] A sealing system for sealing an annulus AN. The annulus is defined by a cylindrical interior (11") and a cylindrical exterior (15") within, and axially movable relative to, the cylindrical interior. The sealing system comprises an inner seal (31) (to surround and sealingly engage the cylindrical exterior), a seal support (33) (to surround, and axially support, the inner seal), an outer seal (35) (to surround the seal support and sealingly engage the seal support and the cylindrical interior), a first support ring (37) (to sit behind an outer periphery of the outer seal), and a back stop (39) (to surround the cylindrical exterior and axially support the seal support and the first ring).

IPC 8 full level
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CPC (source: AU EP US)
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Citation (search report)
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• [XI] US 4443016 A 19840417 - SCHUENGEL PETER [DE]
• [X] US 2003122322 A1 20030703 - TREMOULET OLIVIER L [US], et al
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• See references of WO 2021248176A1

Designated contracting state (EPC)
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